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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,752	04/30/2001	Brian T. Murren	GE1-002US	3457

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EXAMINER
SIDDIQI, MOHAMMAD A

ART UNIT	PAPER NUMBER
2154	

DATE MAILED: 03/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/845,752	MURREN ET AL.
	Examiner	Art Unit
	Mohammad A. Siddiqi	2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>01 November 2005</u>.

2a) ☐ This action is **FINAL.**   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-8 and 10-34</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-8 and 10-34</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-8 and 10-34 are presented for examination. Claim 9 has

been cancelled.

2.   A request for continued examination under 37 CFR 1.114, including the

fee set forth in 37 CFR 1.17(e), was filed in this application after final

rejection. Since this application is eligible for continued examination under

37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid,

the finality of the previous Office action has been withdrawn pursuant to 37

CFR 1.114. Applicant's submission filed on 11/01/2005 has been entered.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in

this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by
> another filed in the United States before the invention thereof by the applicant for patent,
> or on an international application by another who has fulfilled the requirements of
> paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by
> the applicant for patent.

4.   Claims 1-8 and 10-34 are rejected under 35 U.S.C. 102(e) as being

anticipated by Helgeson et al. (6,643,652) (hereinafter Helgeson).

5.   As per claim 1, Helgeson discloses a server system, comprising:

one or more computers (elements of fig 1); and

an application executing on the computers to handle client requests,

the application comprising (507, fig 5, col 6, lines 4-9; col 49, lines 19-21):

a business logic layer to process (505, fig 5) the client requests according to

a particular business domain and produce replies to be returned to the

clients in response to the client requests (business applications platform,

elements of fig 4, col 11, lines 39-62); and

a presentation layer separate from (decoupling data from

presentation, col 6, lines 45-50; col 49, lines 19-21), but in communication

with, the business logic layer to structure the replies in a manner that makes

the replies presentable on different types of client devices (col 2, lines 50-

67; col 6, lines 25-50; col 49, lines 19-21) according to a tag library

containing pre-constructed tags for a variety of data formats (col 2, lines 50-

67, col 51, lines 65-67, col 52, lines 1-2); and

a request dispatcher to structure a reply for service back to a client

device (col 2, lines 50-67, col 51, lines 65-67, col 52, lines 1-2), the request

dispatcher being configured to access the tag library to obtain tags to

structure the reply according to a particular data format (col 2, lines 50-67, col 51, lines 65-67, col 52, lines 1-2).

6.   As per claim 12, the claim is rejected for the same reasons as claim 1, above.

7.   As per claim 2, Helgeson discloses wherein the application is reconfigurable to other business domains by substituting other business logic layers that are designed to process the client requests according to the other business domains (see discussion of business applications server, col 6, lines 31-39).

8.   As per claims 3 and 13, Helgeson discloses wherein the presentation layer is configured to determine a layout of content in the replies (see discussion of WDK, col 6, lines 44-50).

9.   As per claims 4 and 14, Helgeson discloses wherein the presentation layer is configured to determine display attributes in the replies (web standards for XML and XSL, it provides a customizable framework for decoupling data from presentation, col 6, lines 44-50).

10.   As per claims 5 and 15, Helgeson discloses wherein the different types

of client devices support different data formats, the presentation layer being

configured to select appropriate data formats for encoding the replies (web

standards for XML and XSL, it provides a customizable framework for

decoupling data from presentation, col 6, lines 44-50).

11.   As per claims 6 and 16, Helgeson discloses wherein the different types

of client devices support different communication protocols, the presentation

layer being configured to select appropriate communication protocols for

delivering the replies to the clients (413, 408, 405, fig 4, col 11, lines 39-

67).

12.   As per claims 7 and 26, Helgeson discloses, wherein the presentation

layer is configured to determine how to display the replies for a particular

client (413, 408, 405, fig 4, col 11, lines 39-67; col 6, lines 44-50; web

standards for XML and XSL, it provides a customizable framework for

decoupling data from presentation).

13.   As per claim 8, Helgeson discloses, wherein the presentation layer

comprises: a presentation tier to determine how the replies will appear on

the client devices to users (col 6, lines 44-50; web standards for XML and

XSL, it provides a customizable framework for decoupling data from

presentation); and

a rendering tier, separate from the presentation tier, to determine how

to render the replies on the client devices (web standards for XML and XSL,

it provides a customizable framework for decoupling data from presentation,

col 6, lines 44-50; col 51, lines 46-67, see discussion of creating the HTML

documents).

14.   As per claims 10 and 25, Helgeson discloses wherein the request

dispatcher is configured to select a communication protocol to be used to

serve the reply back to the client device (413, 408, 405, fig 4, col 11, lines

39-67).

15.   As per claim 11, Helgeson discloses, wherein the presentation layer

further comprises a content renderer to conform the reply structured by the

request dispatcher to output capabilities of the client device

to which the reply will be returned (web standards for XML and XSL, it

provides a customizable framework for decoupling data from presentation,

col 6, lines 44-50; col 51, lines 46-67, see discussion of creating the HTML

documents).

16.   As per claim 17, the claim is rejected for the same reasons as claim 1,
above. In addition Helgeson discloses, wherein the rendering component is
configured to conform the reply to a specific display at the particular client
(col 51,, lines 61-63).

17.   As per claim 18, the claim is rejected for the same reasons as claims 1
and 5, above.

18.   As per claims 19 and 30, Helgeson discloses wherein the presentation
tier is configured to determine at least one of (1) a layout of the data (all
style and presentation for given page, col 51, lines 35-46), (2) a color
scheme in which to present the data (all style and presentation for given
page, col 51, lines 35-46), (3) a presentation theme, and (4) a particular
skin appearance (all style and presentation for given page, col 51, lines 35-
46).

19.   As per claims 20, 28, and 29, Helgeson discloses wherein the
presentation tier is configured to select a data encoding format for encoding
the data and a communications protocol in which to send the data to the
client device (col 57 lines 47-48; col 86, lines 35-51).

20.   As per claim 21, Helgeson discloses wherein the presentation tier

comprises multiple dispatchers, each dispatcher being configured to encode

the data according to a particular encoding format (col 57 lines 47-67).

21.   As per claim 22, Helgeson discloses wherein the presentation tier

comprises multiple dispatchers, each dispatcher being configured to package

the data according to a particular communications protocol (delivery service,

col 86, lines 35-51).

22.   As per claim 23, Helgeson discloses wherein the presentation tier

comprises:

        a tag library containing pre-constructed tags for a variety of data

formats (col 51, lines 47-52); and

 a request dispatcher to structure a reply for service back to a client device,

the request dispatcher being configured to access the tag library to obtain

tags to structure the reply according to a particular data format (web

standards for XML and XSL, it provides a customizable framework for

decoupling data from presentation, col 6, lines 44-50; col 51, lines 46-67,

see discussion of creating the HTML documents).

23.   As per claim 24, the claim is rejected for the same reasons as claim 1,

above. In addition, Helgeson discloses multiple request dispatchers to

structure replies to be returned to client devices in response to requests

submitted by the client devices, individual request dispatcher formatting

data according to particular formats that are supported by the client devices

protocol according to the tag library (col 11, lines 39-67, col 51, lines 47-

67); and

content renderer to conform the replies to output capabilities of the client

devices to which the replies are to be returned (col 11, lines 39-67, col 51,

lines 47-67, see discussion of creating the HTML documents).

24.   As per claim 27, the claim is rejected for the same reasons claim 1 and

24, above.

25.   As per claim 31, the claim is rejected for the same reasons claim 1 and

23, above.

26.   As per claim 32, Helgeson discloses wherein the configuring comprises

sizing the reply for a display at the client (col 51, lines 47-67 and col 52,

lines 1-10).

27.   As per claim 33, the claim is rejected for the same reasons as claims 1 and 8, above.

28.   As per claim 34, the claim is rejected for the same reasons as claim 23, above.

Conclusion

29.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

XML: Not a Silver Bullet, But a Great Pipe Wrench by Tommie Usdin and Tony Grabam, Published by Standard View Vol. 6, No. 3, September, 1998.
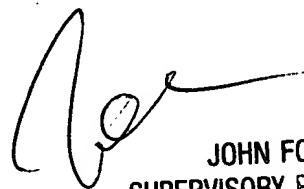
30.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A. Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

     If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-

3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS

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